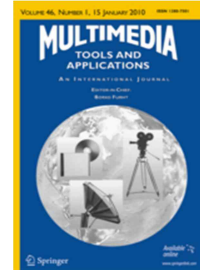


# Special Issue of Multimedia Tools and Applications

## “Advanced Signal Processing and HCI Issues for Interactive Multimedia Services”



### Introduction

Nowadays, users could access multimedia contents in everywhere via 3G/4G and wireless networks. Moreover, users could more interactively communicate with the devices (e.g., Car Navigation System, Smartphone and TV). Interactive media normally refers to products and services on digital computer-based systems which respond to the user's actions by presenting content such as text, graphics, animation, video, audio, etc. Interactive multimedia services is related to the concepts such as interactivity, human computer interaction, and cyber culture and some specific research areas such as interactive television, video games, social media, ambient intelligence, virtual reality and augmented reality. This special issue invites high quality contributions addressing for audio, image, and video signal processing technologies adopted by multimedia interactive services.

### Topics

Topics of interest include, but are not limited to:

- Advanced Multimedia Interaction and Usability Issues
- Augmented and Virtual Reality for Interactive Multimedia Services
- Ambient-assisted Interfaces for Interactive Multimedia Services
- Audio Signal Processing Interactive Multimedia Services
- Audio Analysis for Interactive Multimedia Services
- Image Signal Processing for Interactive Multimedia Services
- Image Analysis for Interactive Multimedia Services
- Machine Learning for Signal Processing
- Mobile Multimedia System and Services
- Semantic Web and Grid Services for Interactive Multimedia Services
- Video Signal Processing for Interactive Multimedia Services
- Video Analysis for Interactive Multimedia Services

### Submission Details

All the papers should be full journal length versions and follow the guidelines set out by Multimedia Tools and Applications (<http://www.springer.com/computer/information+systems/journal/11042>). Manuscripts should be submitted online at <http://mtap.editorialmanager.com> choosing “Interactive Multimedia Services” as article type, no later than October 31, 2012. Information about the manuscript (title, full list of authors, corresponding author's contact, abstract, and keywords) should also be sent to the corresponding editor Prof. Seungmin Rho ([pc.seungminrho@gmail.com](mailto:pc.seungminrho@gmail.com)). All the papers will be peer-reviewed following the MTAP reviewing procedures.

### Important Dates (Tentative)

Submission of papers: October 31, 2012

Final decision: April 15, 2013

First-round acceptance notification: January 31, 2013

Publication of special issue: 1Q/2Q in 2014

Revision: March 15, 2013

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